From: Caporale, Cynthia
Sent: Wed 1/22/2014 6:02:41 PM
Subject: Re: Analytical assistance for Elk River, WV, chemical spill event

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From: Foreman, William [wforeman@usgs.gov]
Sent: Wednesday, January 22, 2014 12:40 PM
To: Caporale, Cynthia
Subject: Re: Analytical assistance for Elk River, WV, chemical spill event

Yes, thanks, 2 PM ET would be great. Try my work number first. I should be at my desk.

William T. Foreman, Ph.D.

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email: wforeman@usgs.gov

On Wed, Jan 22, 2014 at 10:24 AM, Caporale, Cynthia <Caporale.Cynthia@epa.gov> wrote:

> I can call you around 2pm. Would that work for you?
>
> We have standard and source material and GC/MS works well. We are trying the heated purge today. We too have been delayed with snow so trying to catch up.
>
> **From:** Foreman, William [mailto:wforeman@usgs.gov]
> **Sent:** Tuesday, January 21, 2014 5:50 PM
> **To:** Caporale, Cynthia
> **Cc:** William Foreman; Jeff McCoy; John Zogorski
> **Subject:** Analytical assistance for Elk River, WV, chemical spill event

Hi Cindy,

I would appreciate knowing the status regarding your lab's setup of analytical support for water samples analyses related to the Elk River, WV, chemical spill.

Unfortunately, we have not yet received the 4-methylcyclohexanemethanol (4-MCHM) analytical standard from TCI Americas (insufficient supply last week). We are hoping delivery of our order arrives by the end of this week at the latest. We also were expecting receipt by tomorrow of an aliquot of the crude MCHM (the same material spilled), but that shipment has been delayed by at least one day or more because of shipping logistics and the snow storm. As such, we have had no opportunity to do any testing.

Currently, our target method for analysis of primary spill component 4-MCHM is heated purge and trap GC/MS based its estimated Henry's Law Constant and solubility. An obvious concern is that we might not be able to complete sample analyses before exceeding a standard 14-day holding time for some/all of the few samples that have been collected by USGS staff in both WV and KY.

If your lab has succeeded (or is close) in setting up an analysis for 4-MCHM, then we would like to explore with you the possibility of having your lab analyze some/all of the water samples collected by USGS.

Also, if by chance you received ample supply, we would be most grateful if you could share with us a small aliquot of the 4-MCHM analytical standard material.

Please call me at your earliest convenience to discuss these topics further.

Kind thanks,

Bill

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